

5. *MACROCHISMA MEGATREMA*, A. Adams. *M. testá ovato-oblongá, albidá, roseo radiatim pictá, costellis rugosis striisque concentricis sculptá, dorso subelevatá, lateribus planulatis; foramen ovato-lanceolatum, permagnum.* *Hab.* — ?
6. *MACROCHISMA CUSPIDATA*, A. Adams. *M. testá ovato-oblongá, anticè angustatá, productá, acuminatá, posticè elevatá, rotundatá, margine valdè undulatá, fuscátá, annulis fuscis concentricis ornatá, lineis elevatis et concentricis cancellatá, circa foramen pallidá, extremitate posticá valdè elevatá; foramen magnum, cuspidatum, posticè dilatatum.* *Hab.* Cagayan, in insulis Philippinis; *H. C.* (Mus. Cuming.)
7. *MACROCHISMA PRODUCTA*, A. Adams. *M. testá angustoblongá, dorso elevatá, convexá, albidá, fusco pallide variegatá, lineis elevatis striisque concentricis obsoletè decussatá, anticè angustá, productá, lateribus planulatis, extremitate posticá rotundatá, elevatá; margine valdè sinuatá; foramen perlongum, triangulare, posticè dilatatum.* *Hab.* in littoribus Australiæ. (Mus. Cuming.)
8. *MACROCHISMA ANGUSTATA*, A. Adams. *M. testá angustá, oblongá, dorso elevatá, utrinque rotundatá, albidá, lineis fuscis maculisque rufo-fuscis pictá et tessellatá, costellis obtusis subrugosis, lineisque depressis, concentricis, subdistantibus, sculptá, extremitate posticá elevatá, margine sinuato; foramen magnum, elongatum, subtriangulare, posticè dilatatum, excavatum.* *Hab.* — ?—From the *Proc. of the Zool. Soc.* July 23, 1850.

METEOROLOGICAL OBSERVATIONS FOR AUG. 1851.

Chiswick.—August 1. Cloudy and warm: slight rain. 2—5. Very fine. 6. Fine: densely clouded. 7. Overcast: fine: clear: lightning at night. 8. Very fine. 9. Overcast: cloudy. 10. Cloudy. 13. Sultry. 14. Fine: lightning at night. 15. Cloudy and fine. 16. Very fine. 17. Showery. 18. Cloudy and fine: clear. 19. Very fine: slight haze: clear. 20, 21. Very fine. 22. Very hot. 23. Overcast. 24. Heavy showers, with sunny intervals. 25. Very fine. 26. Slight rain. 27. Fine: constant and very heavy rain at night. 28. Fine: densely clouded. 29. Clear and cold: heavy showers, with hail in afternoon: overcast. 30, 31. Cloudy.

Mean temperature of the month 62°·84
 Mean temperature of Aug. 1850 59·38
 Mean temperature of Aug. for the last twenty-five years . 62·21
 Average amount of rain in Aug. 2·41 inches.

Boston.—Aug. 1. Cloudy: rain P.M. 2—4. Fine. 5—7. Cloudy. 8. Fine. 9—11. Cloudy. 12. Fine. 13. Cloudy: rain early A.M., and lightning P.M. 14. Fine: rain, thunder and lightning P.M. 15. Fine. 16. Fine: rain P.M. 17. Fine. 18. Cloudy. 19. Fine. 20. Cloudy. 21, 22. Fine. 23. Cloudy: rain A.M. 24. Cloudy: rain P.M. 25. Fine. 26. Cloudy: rain P.M. 27. Cloudy. 28. Fine: rain early A.M. 29. Cloudy: rain A.M. and P.M. 30, 31. Cloudy.

Sandwich Manse, Orkney.—Aug. 1. Bright: showers. 2. Cloudy. 3. Bright: clear. 4. Bright: very clear: fine. 5. Clear: fine: very clear: fine. 6. Clear: fine: very clear: fine: aurora. 7. Clear: fine: haze. 8. Cloudy. 9, 10. Cloudy: bright. 11. Cloudy: drops. 12. Drizzle: damp. 13. Rain: damp. 14. Rain: drops: fine. 15. Drops: damp. 16. Clear: fine. 17. Cloudy: clear: fine. 18. Clear: cloudy. 19. Rain: cloudy. 20. Hazy: fine. 21. Rain. 22. Damp: cloudy. 23. Bright: cloudy: thunder. 24. Clear: cloudy. 25. Bright: clear. 26—28. Showers. 29. Showers: drizzle: showers. 30. Bright: clear: aurora. 31. Drizzle: clear: aurora.